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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)
Jingsong Xia et al.) Before the Examiner
Serial No. 10/701,047) Not Yet Assigned
Filed November 4, 2003) Group Art Unit 2631
ADAPTIVE EQUALIZER HAVING A)
VARIABLE STEP SIZE INFLUENCED)
BY OUTPUT FROM A TRELLIS)
DECODER) September 21, 2004

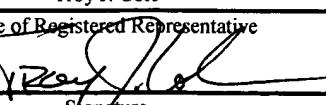
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure in accordance with 37 C.F.R. §1.56, Applicant wishes to bring to the attention of the Examiner the items of information listed on the enclosed Information Disclosure Citation Form. This information has not been previously submitted in this application, and has not been heretofore cited previously by the Examiner. Copies of all U.S. patents, foreign patent documents and non-patent literature are enclosed.

The undersigned hereby certifies that some of the items of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on
September 21, 2004
Date of Deposit
Troy J. Cole
Name of Registered Representative

Signature
September 21, 2004
Date of Signature

This Statement is not being submitted within three months of the issuance of the communication of the foreign counterpart application, however, this Statement is being submitted prior to the mailing of any Office Action on the merits in the present application. Therefore, no additional fees are believed to be necessary, however, should any fees be deemed required, the Commissioner is authorized to charge such fees to Deposit Account No. 23-3030, but is not to include payment of issue fees.

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in §1.56(b).

Respectfully submitted

By: 

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

5

Complete if Known

Application Number	10/701,047
Filing Date	November 4, 2003
First Named Inventor	Jingsong Xia et al.
Group Art Unit	2631
Examiner Name	Not Yet Assigned

Attorney Docket Number 31075-128

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		US - 4,567,599	01/28/1986	Mizoguchi	
		US - 4,712,221	12/08/1987	Pearce et al.	
		US - 4,815,103	03/21/1989	Cupo et al.	
		US - 4,856,031	08/08/1989	Goldstein	
		US - 4,866,395	09/12/1989	Hostetter	
		US - 4,989,090	01/29/1991	Campbell et al.	
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		US - 5,210,774	05/11/1993	Abbiate et al.	
		US - 5,311,546	05/10/1994	Paik et al.	
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		US - 5,537,435	07/16/1996	Carney et al..	
		US - 5,568,098	10/22/1996	Horie et al..	
		US - 5,568,521	10/22/1996	Williams et al.	

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 0,524,559 B1	05/02/1997	Paik et al..		
		EP 0,752,185 B1	07/17/2002	Strolle et al.		
		WO 00/27033	05/11/2000	Tan et al..		
		WO 00/27066	05/11/2000	Jaffe et al..		
		WO 01/01650 A1	01/04/2001	Bourdeau		
		WO 01/13516 A2	02/22/2001	Jaffe et al..		

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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<i>Complete if Known</i>			
				Application Number		10/701,047	
				Filing Date		November 4, 2003	
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		US - 5,619,154	04/08/1997	Strolle et al.	
		US - 5,648,987	04/15/1997	Yang et al.	
		US - 5,692,014	11/25/1997	Basham et al.	
		US - 5,789,988	08/04/1998	Sasaki	
		US - 5,802,461	09/01/1998	Gatherer	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (If known)				
		WO 01/43310 A2	06/14/2001	Jaffe et al.		
		WO 01/43384 A2	06/14/2001	Jaffe et al.		

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		Number-Kind Code ² (If known)			
		US - 6,133,785	10/17/2000	Bourdeau	
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		US - 6,363,124 B1	03/26/2002	Cochran	
		US - 6,411,341 B1	06/25/2002	De Haan et al.	
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Sheet	5	of	5	Attorney Docket Number	31075-128

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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